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Applicant: Robert G. Korneluk et al.

Art Unit: 1635

Serial No.: 09/974,592

Examiner: Not Yet Assigned

Filed: October 9, 2001

Customer No.: 21559

Title: DETECTION AND MODULATION OF IAPS AND NAIP FOR THE
DIAGNOSIS AND TREATMENT OF PROLIFERATIVE DISEASE

Assistant Commissioner for Patents
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INFORMATION DISCLOSURE STATEMENT

Applicants submit the attached form PTO-1449. Submission of this statement is not a representation that a search has been made nor is information included in this statement an admission that the information is material to patentability.

Under 35 U.S.C. § 120, this application relies on the earlier filing date of application serial number 09/617,053, filed on July 14, 2000, now U.S. Patent No. 6,300,492, and U.S. Serial No. 08/800,929, filed on February 13, 1997, now Patent No. 6,133,437. The references listed below are provided herewith. The remaining references were submitted to and/or cited by the Office in the prior applications and, therefore, are not provided in this application.

WO/9706182

02/20/97 PCT

U.S. Patent No. 5,834,216 11/10/98 Roizman et al.

U.S. Patent No. 6,187,557 02/13/01 Rothe et al.

Crocker et al., "Adenovirus-mediated NAIP overexpression confers protection against global ischemia," *Soc. Neurosci. Abstr.*, 464.18, (1996)

Dhein et al., "Autocrine T-cells suicide mediated by APO-1 (Fas/CD95)," *Nature*, 373:438, (1995)

Ferrari et al., "N-acetylcysteine (D- and L-stereoisomers) prevents apoptotic death of neuronal cells," *J. Neurosci.*, 15:2857, (1995)

Gibellini et al., "Tat-expressing Jurkat cells show an increased resistance to different apoptic stimuli, including acute human immunodeficiency virus-type 1 (HIV-1) infection," *Br. J. Haematol.*, 89:24, (1995)

Goruppi et al., "Dissection of c-myc domains involved in S phase induction of NIH3T3 fibroblasts," *Oncogene*, 9:1537, (1994)

Harrington et al., "c-Myc-induced apoptosis in fibroblasts is inhibited by specific cytokines," *EMBO J.*, 13:3286, (1994)

Itoh et al., "A novel protein domain required for apoptosis. Mutational analysis of human Fas antigen," *J. Biol. Chem.*, 268:10932, (1993)

Katsikis et al., "Fas antigen stimulation induces marked apoptosis of T lymphocytes in human immunodeficiency virus-infected individuals," *J. Exp. Med.*, 18:2029, (1995)

Li et al., "Induction of apoptosis in uninfected lymphocytes by HIV-1 Tat protein," *Science*, 268:429, (1995)

Martin et al., "HIV-1 infection of human CD4⁺ T cells *in vitro*. Differential induction of apoptosis in these cells," *J. Immunol.*, 152:330, (1994)

Melino et al., "Tissue transglutaminase and apoptosis: sense and antisense transfection studies with human neuroblastoma cells," *Mol. Cell Biol.*, 14:6584, (1994)

Muro-Cacho et al., "Analysis of apoptosis in lymph nodes of HIV-infected persons: Intensity of apoptosis correlates with the general state of activation of the lymphoid tissue and not with stage of disease or viral burden," *J. Immunol.*, 154:5555, (1995)

Rabizadeh et al., "Expression of the baculovirus *p35* gene inhibits mammalian neural cell death," *J. Neurochem.*, 61:2318, (1993)

Robertson et al., "Neuroprotective effects of K252a in cerebral ischemia: The NAIP connection," *Soc. Neurosci. Abstr.*, 654.8 (1996)

Rosenbaum et al., "Evidence for hypoxia-induced, programmed cell death of cultured neurons," *Ann. Neurol.*, 36:864, (1994)

Sato et al., "Neuronal differentiation of PC12 cells as a result of prevention of cell death by *bcl-2*," *J. Neurobiol.*, 25:1227, (1994)

Talley et al., "Tumor necrosis factor alpha-induced apoptosis in human neuronal cells: Protection by the Antioxidant N-Acetylcysteine and the genes *bcl-2* and *crmA*," *Mol. Cell. Biol.* 15:2359, (1995)

Terai et al., "Apoptosis as a mechanism of cell death in cultured T lymphoblasts acutely infected with HIV-1," *J. Clin. Invest.*, 87:1710, (1991)

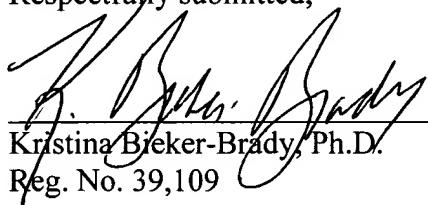
Vossbeck et al., "Direct transforming activity of TGF-beta on rat fibroblasts," *Int. J. Cancer*, 61:92, (1995)

Walkinshaw et al., "Induction of apoptosis in catecholaminergic PC12 cells by L-DOPA. Implications for the Treatment of Parkinson's Disease," *J. Clin. Invest.* 95:2458, (1995)

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Respectfully submitted,

Date: June 4, 2002


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